What is claimed is:

1. A platinum alloy comprising:

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55 to 63 wt.% of platinum, 2 to 10 wt.% of cobalt, and 27 to 43 wt.% of copper.

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2. A platinum alloy comprising:

70 to 79.5 wt.% of platinum, 2 to 10 wt.% of cobalt, and 10.5 to 28 wt.% of copper.

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- 3. The platinum alloy of claim 1, wherein said alloy comprises 57.5 to 59.9 wt.% of platinum.
- 4. The platinum alloy of claim 1, wherein said alloy comprises 58.5 to 59.0 wt.% of platinum.
 - 5. The platinum alloy of claim 2, wherein said alloy comprises 72 to 78 wt.% of platinum.
- 25 6. The platinum alloy of claim 2, wherein said alloy comprises 74 to 76 wt.% of platinum.
 - 7. The platinum alloy of any one of claims 1 to 6, wherein said alloy comprises 2.0 to 8.0 wt.% of cobalt.

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8. The platinum alloy of any one of claims 1 to 7, wherein said alloy comprises 3.5 to 5.5 wt.% of cobalt.

- 9. The platinum alloy of any one of claims 1 to 8, wherein said alloy further comprises 0.001 to 2 wt.% of at least one first metal selected from the group consisting of palladium, iridium and ruthenium.
- The platinum alloy of any one of claims 1 to 9, wherein said alloy further comprises a 0.001 to 2 wt.% of at least one second metal selected from the group consisting of indium and gallium.
- 11. The platinum alloy of any one of claims 1, 3, 4 and 7 to 10, consisting essentially of:

57.5 to 59.9 wt.% of platinum,

3.5 to 4.5 wt.% of cobalt, and

35.6 to 39 wt.% of copper,

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wherein 0.001 to 2 wt.% of copper may be substituted by at least one of said first metals and 0.001 to 2 wt.% of copper may be substituted by at least one of said second metals.

- 20 12. The platinum alloy of any one of claims 1 to 11, wherein the tensile strength of said alloy is in the range of 450 to 800 N/mm².
 - 13. The platinum alloy of any one of claims 1 to 12, wherein the Vickers hardness of said alloy, measured at soft state, is in the range of 130 to 210 HV10.

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- 14. The platinum alloy of any one of claims 1 to 13, wherein the elongation at break of said alloy is at least 20 %.
- 15. The platinum alloy of any one of claims 1 to 14, wherein the color tone of said alloy corresponds essentially to the platinum white color tone of a PtCu950 alloy.

16. A method of preparing an alloy according to any one of claims 1 to 15, which comprises (a) blending the components of the alloy; and (b) melting the alloy.

- 5 17. A platinum-colored material for ornamental purposes comprising a platinum alloy according to any one of claims 1 to 15.
 - 18. An ornamental article comprising the platinum alloy of any one of claims 1 to 15.

19. The ornamental article of claim 18, wherein said ornamental article is a ring, a necklace, an earring, a watch band, a watch body or other jewelry.

- 20. A method of fabricating the ornamental article of claim 18 or 19, which comprises forming the ornamental article from an alloy according to any one of claims 1 to 15.
 - 21. The method of claim 20, wherein the alloy is casted into the shape of the ornamental article.
 - 22. The use of a platinum alloy according to any one of claims 1 to 15 for the manufacture of an ornamental article such as a ring, a necklace, an earring, a watch band, a watch body or other jewelry.
- 25 23. A platinum alloy consisting essentially of 55 to 63 wt.% or 70 to 79.5 wt.% of platinum and one or more non-precious elements.
 - 24. A platinum alloy consisting essentially of about 58.5 wt.% platinum and one or more non-precious elements.
 - 25. A platinum alloy consisting essentially of about 75.0 wt.% platinum and one or more non-precious elements.

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26. A jewelry product containing a platinum alloy consisting essentially of platinum in an amount in the range of 55 to 63 wt.% or 70 to 79.5 wt.%, and at least one non-precious element.

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